

ASSET VISIBILITY AND AUTOMATIC IDENTIFICATION TECHNOLOGY



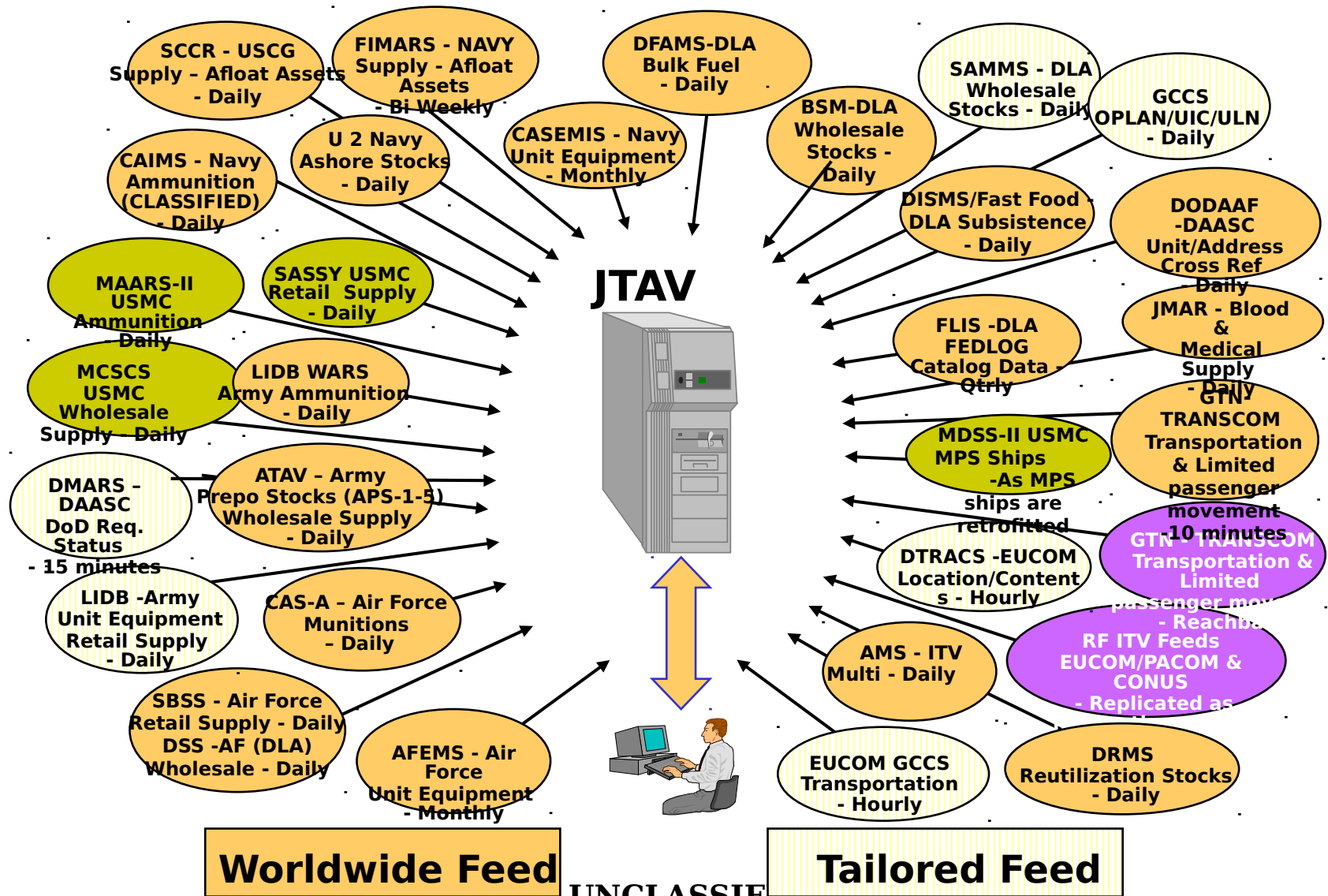
2005 TMO TACK-ON
25 APR 05

UNCLASSIFIED

Ricky Morton
LPC-3



JTAV (IDE-AV)



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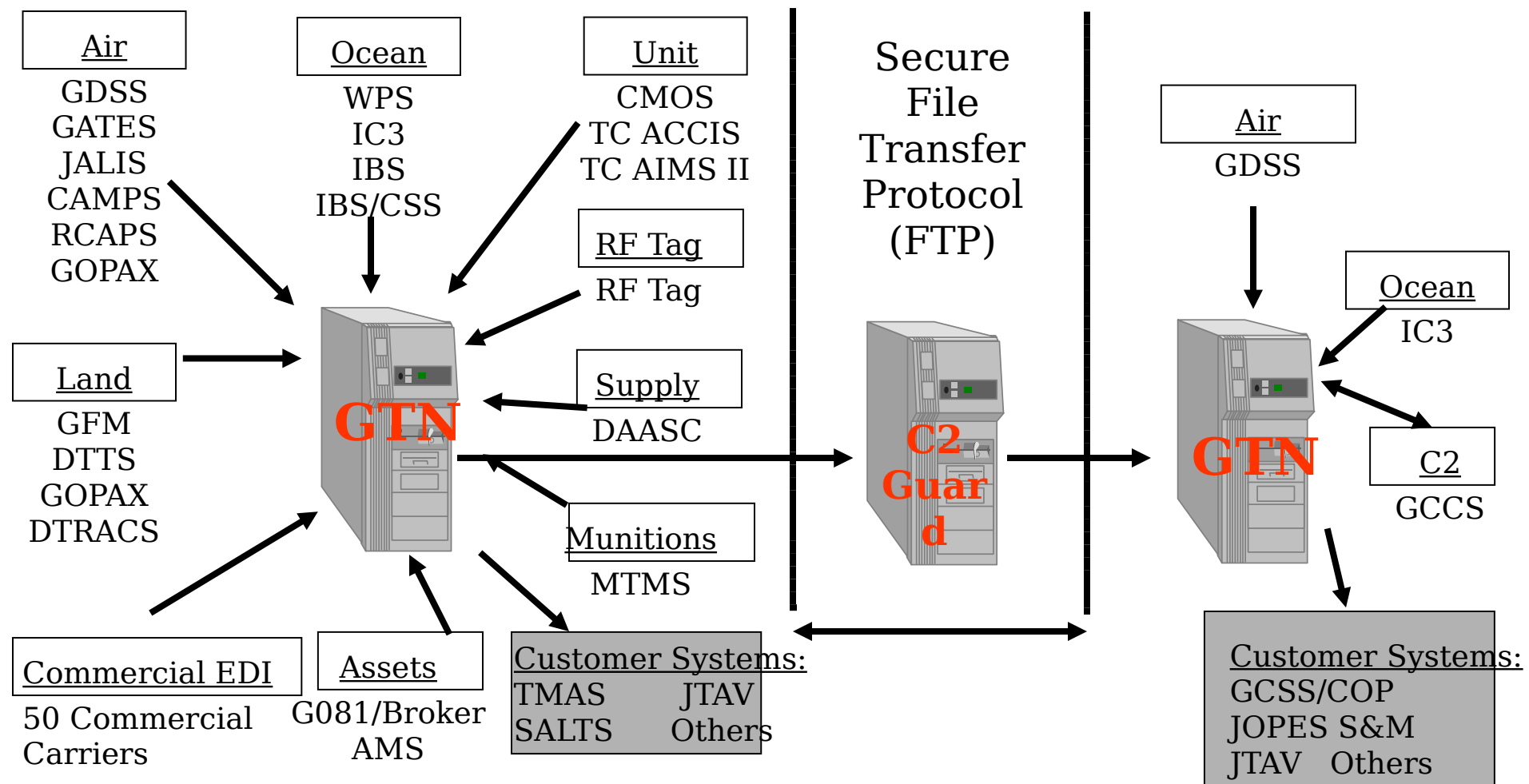


GTN (GTN21)



Unclassified But Sensitive

Secret



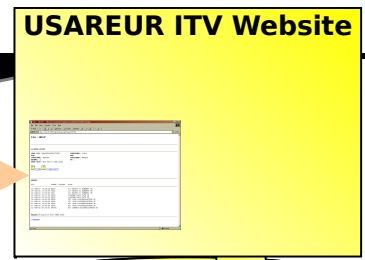
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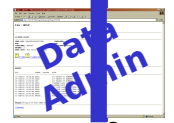
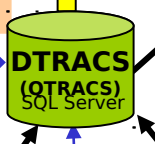
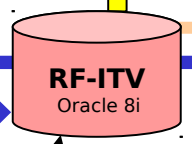
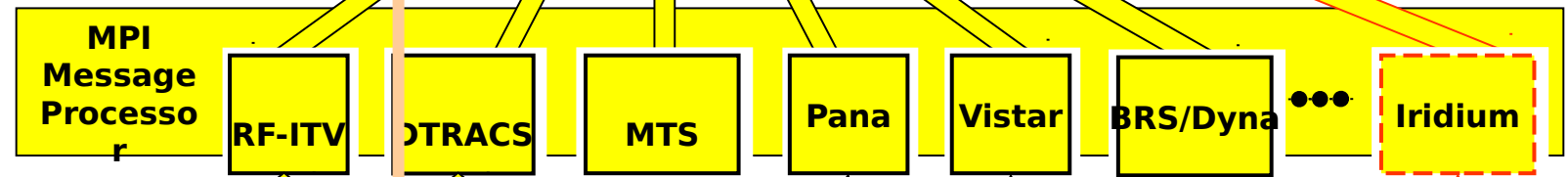
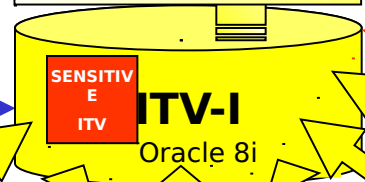
RFID ITV Server TODAY



"Tracking Objects" Concept



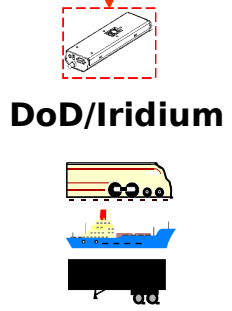
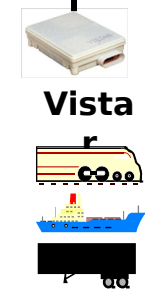
A tag is a tag is a...



AIT Field Engineers



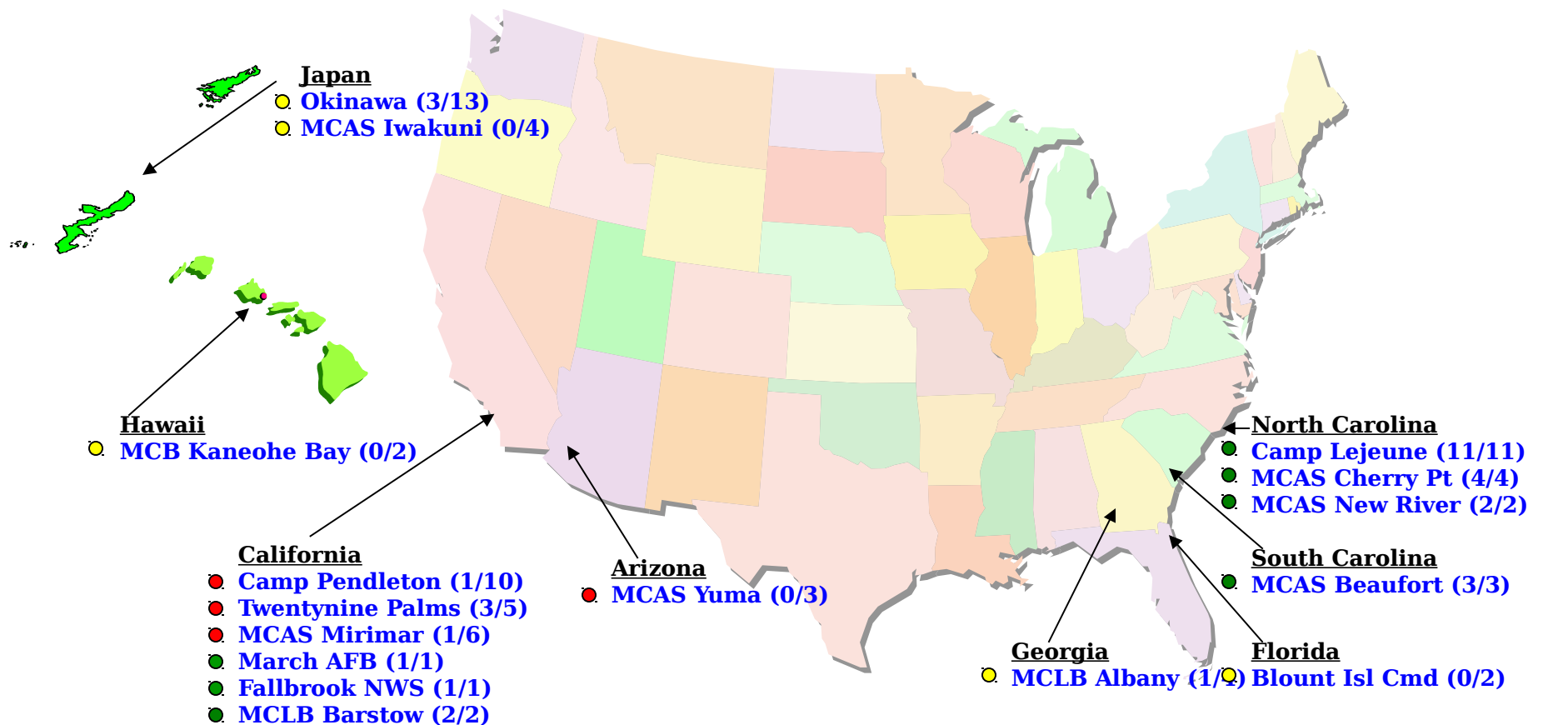
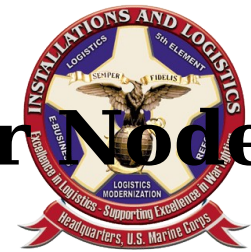
Dispatcher



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Marine Corps Fixed Interrogator Node



● Green = 100% survey/installation of Active RFID Interrogators

● Yellow = Survey complete and awaiting completion of remaining site prep of Active RFID Interrogators

● Red = Some Surveys completed and awaiting completion of remaining site prep; some new sites added with surveys yet to be conducted, for Active RFID Interrogators (1/3)

Numbers in parentheses indicate number of sites operational and sites surveyed, respectively.

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Other AIT Related Information

User Accounts:

JTAV: https://melbourne.jfcom.mil/c4i/JTAVWB_jtav

GTN: <https://www.gtn.transcom.mil/>

RFID ITV Server: <https://highland.rfitv.army.mil/login/>

Policy/Documentation:

TAV/ITV/AIT Order being worked.

AIT Implementation Plan

RFID Users and Tag Placement Guide

Messages:

USMC POC for AIT

RFID Guidance Supporting Equipment

Active RFID Tag Instructions

“AIT responsibilities transitioned to LPCD”



Other AIT Related Information



Unique Identification (UID) means a system of marking items delivered to the Department of Defense with unique item identifiers (UII) that have machine-readable data elements (represented by a two-dimensional data matrix code) to distinguish an item from all other like and unlike items.

<http://www.acq.osd.mil/dpap/UID/>.



Passive RFID:

- Shipments from Defense Distribution Depot, Susquehanna, PA (DDSP) arrived at the SMU (Camp Lejeune) with passive RFID tags attached. A passive RFID reader/interrogator was installed on one bay door at the SMU and shipments passed through this door as they arrived.
- The information from the passive tags was passed to a stand-alone proprietary server provided and managed by SAIC. There was **no** automated update of inventory, financial transactions, distribution requirements, etc.; however, an AF1 transaction (a *Follow-up Transaction*--which acts as a place-holder only) was placed within STRATIS.
- The pilot ended on 7 Dec but the formal report from SAIC, which was contracted to lead the pilot **has yet** to be published.
- **No standard hardware or operational architecture has been published by OSD.**

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RFID ITV Server Demo



**Mr. Terry
Moores**